INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/000506

A. CLASSI	FICATION OF SUBJECT MATTER								
IPC 7	E21B47/12								
According to International Patent Classification (IPC) or to both national classification and IPC									
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols)									
IPC 7 E21B									
Documentation searched other than minimum documentation to the extent that such documents are included in the floids searched									
and the fields searched to the extent that such documents are included in the fields searched									
	ata base consulted during the international search (name of data base	se and, where practical, search terms used							
EPO-In	ternal, WPI Data, COMPENDEX, INSPEC								
C. DOCUMENTS CONSIDERED TO BE RELEVANT									
Category °	Citation of document, with indication, where appropriate, of the rok	eancean trans	Deleveration at the Atlanta						
	approximation of the second of	ичан раззаусэ	Relevant to dalm No.						
x	US 5 365 229 A (GARDNER WALLACE R	ST AL \	4 47						
,,	15 November 1994 (1994-11-15)	EL AL)	1–27						
	column 1, line 10 - line 45								
	column 3, line 16 - column 4. lin	ne 56;							
	figures 4,5	-	•						
Α	WO 01/49001 A (SCHLUMBERGER CA LT	-							
	SCHLUMBERGER SERVICES PETROL (FR)	,	1,12,21						
	SCHLUMBERGER) 5 July 2001 (2001-0	7-05)							
	page 2, line 3 - line 17	,, (3)							
	page 3, line 20 - line 23								
	page 16, line 29 - page 18, line	6; claim							
	1								
Α	WO 01/93441 A (MCCORKLE JOHN W;	ROFHEART	1 12 21						
	MARTIN (US)) 6 December 2001 (2001–12–06)								
	page 19, paragraph 2 - page 20, paragraph								

Furth	er documents are listed in the continuation of box C.	Patent family members are listed in	n annex.						
* Special categories of cited documents:									
"A" document defining the general state of the art which is not "T" later document published after the international filing date or priority date and not in conflict with the application but									
considered to be of particular relevance "E" earlier document but published on or after the International									
illing date Cannot be considered novel or cannot be considered in									
which is cited to establish the publication date of another									
"O" document referring to an oral disclosure, use, exhibition or									
ments, such combination being obvious to a person skilled									
later than the priority date claimed *&* document member of the same patent family									
Date of the actual completion of the international search Date of mailing of the international search report									
5 July 2004		15/07/2004							
Name and n	nailing address of the ISA	Authorized officer							
European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk									
Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016 Lorne, B									
	-,	l, -							

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No PCT/IB2004/000506

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5365229	Α	15-11-1994	US	5387907 A	07-02-1995
WO 0149001	A	05-07-2001	AU	1758601 A	09-07-2001
			CA	2392670 A1	05-07-2001
			GB	2372185 A	14-08-2002
			WO	0149001 A1	05-07-2001
WO 0193441	Α	06-12-2001	AU	5882200 A	11-12-2001
			AU	6127701 A	11-12-2001
			AU	6127801 A	11-12-2001
			ΑU	6300701 A	11-12-2001
			AU	6300801 A	11-12-2001
			AU	6457301 A	11-12-2001
			ΑU	6457401 A	11-12-2001
			AU	6457501 A	11-12-2001
			AU	7481901 A	11-12-2001
			AU	7482001 A	11-12-2001
			EP	1295405 A1	26-03-2003
			EP	1302001 A2	16-04-2003
			EP	1284049 A1	19-02-2003
			JP	2003535552 T	25-11-2003
			JP	2003535557 T	25-11-2003
			WO	0193441 A1	06-12-2001
			MO	0193442 A1	06-12-2001
			WO	0193434 A2	06-12-2001
			WO	0193519 A1	06-12-2001
			WO	0193482 A2	06-12-2001
			MO	0193443 A2	06-12-2001
			WO	0193444 A1	06-12-2001
			WO	0193445 A2	06-12-2001
			WO	0193520 A2	06-12-2001
			WO	0193446 A2	06-12-2001
			US	2003096578 A1	22-05-2003
			US	2003161411 A1	28-08-2003
			US US	6735238 B1	11-05-2004
			03	6505032 B1	07-01-2003